

**WHAT IS CLAIMED IS:**

1. A Darius windmill comprising a rotor having a plurality of blades around a vertical rotating shaft, wherein:

5        each said blade is in the form of a bag of which the rear end portion with respect to the rotating direction thereof is cut to form an opening and which has a fixed uniform cross section along the vertical rotating shaft.

10        2. The Darius windmill according to claim 1, which further comprises a guide plate projecting in the rotating direction from the opening of the blade.